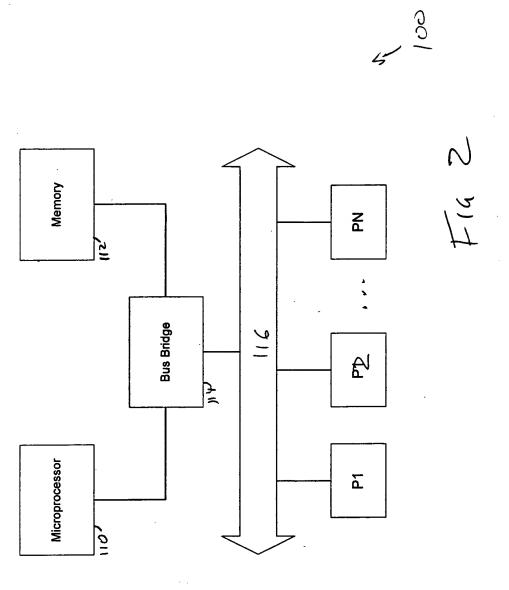
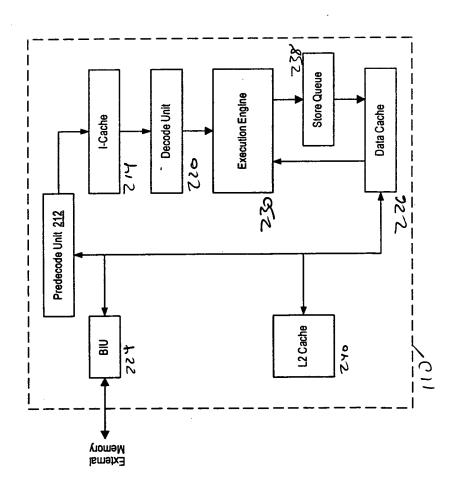
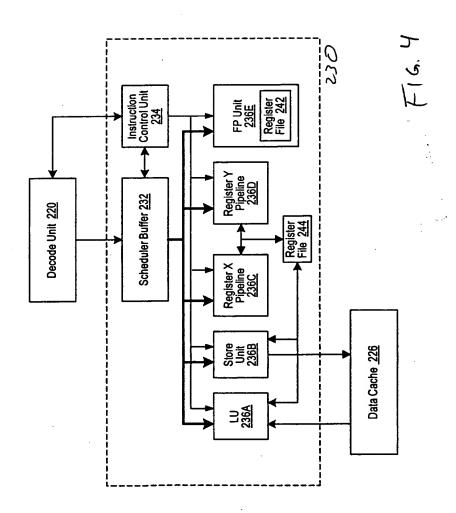
	BASE 10	BINARY
SCALAR MULTIPLICATION		
SCALAR MULTIPLICAND	24	0001 1000 (8-BIT)
SCALAR MULTIPLIER	200	1100 1000 (8-BIT)
SCALAR FINAL PRODUCT	4800	0001 0010 1100 0000 (16-BIT)
VECTOR MULTIPLICATION		
VECTOR MULTIPLICAND	(12, 5)	1100 0101 (4 BITS PER COMPONENT)
VECTOR MULTIPLIER	(7, 4)	0111 0100 (4 BITS PER COMPONENT)
VECTOR FINAL PRODUCT	(84, 20)	0101 0100 0001 0100 (8 BITS PER COMPONENT)

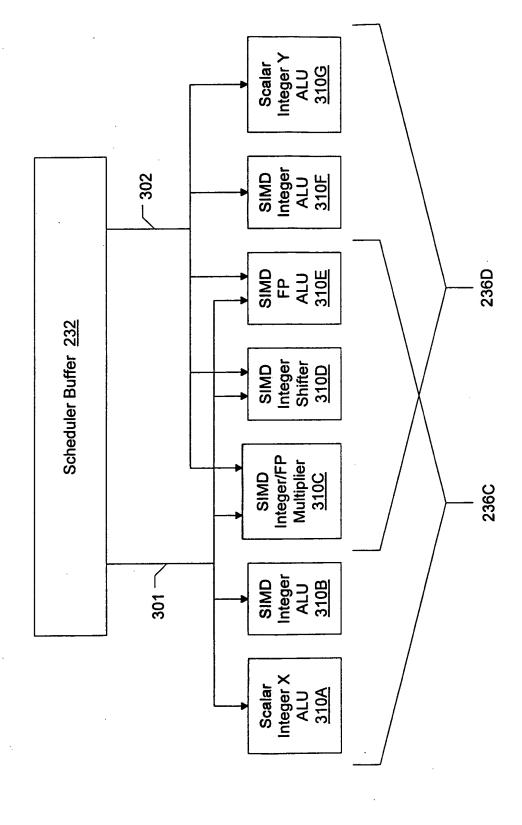
FIG. 1

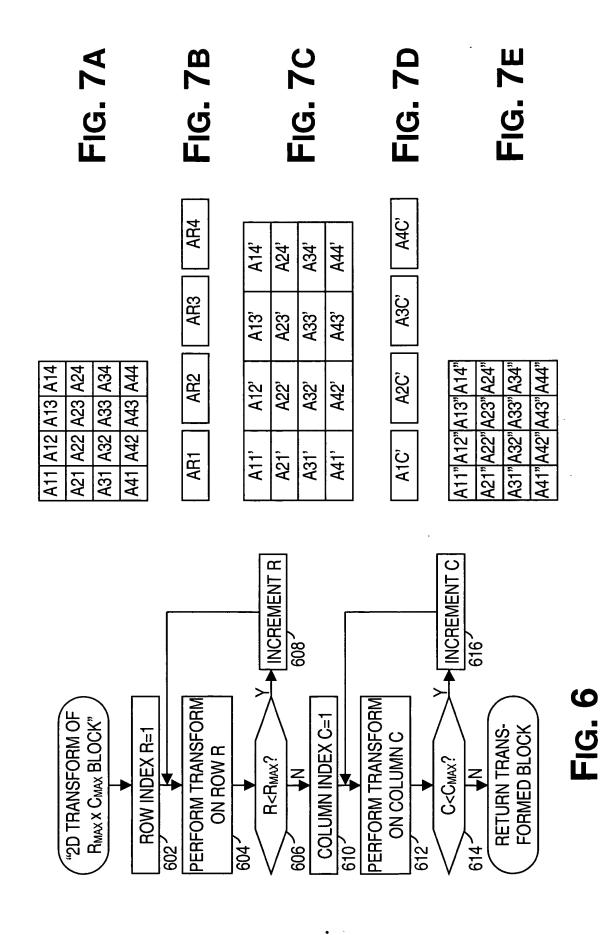






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FIG. 8A

A11 A12 A13 A14 A21 A22 A23 A24 A31 A32 A33 A34 A41 A42 A43 A44

FIG. 8B

AR1 AR2

AR3 AR4

A14' A24' A34' A44' A13' A23' A33' A43' A12' A22' A32' A42' A31, A11' A41' A21'

FIG. 8C

FIG. 8D

A1C' A2C'

A3C' A4C'

FIG. 8E

A11" A12" A13" A14" A21" A22" A23" A24" A31" A32" A33" A34" A41" A42" A43" A44" مواندن •

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正

B14	B24	B34	B44
B13	B23	B33	B43
A11 A12 A13 A14 B11 B12 B13 B14	A21 A22 A23 A24 B21 B22 B23 B24	A31 A32 A33 A34 B31 B32 B33 B34	A41 A42 A43 A44 B41 B42 B43 B44
B11	B21	B31	B41
A14	A24	A34	A44
A13	A23	A33	A43
A12	A22	A32	A42
A11	A21	A31	A41

FIG. 9B

AR1 BR1 AR2

BR2 AR3

BR3

AR4 BR4

Fig. 9c

A14, A24' A34' A44' B13' B23' B33' B43' A13' A23' A33' A43' B22' B32' B42' A12' A22' A32' A42' B11' B21' B41' B31' A31' A11, A21' A41,

B24' B34'

00 21

A2C' B2C' A:

B1C

A1C

A3C' B3C'

A4C' B4C'

FIG. 9E

A11" A12" A13" A14" B11" B12" B13" B14" A21" A22" A23" A24" B21" B22" B23" B24" A31" A32" A34" B31" B32" B33" B34" A41" A42" A43" A44" B41" B42" B43" B44"